

COTTON CHATS

FROM

DRAPER COMPANY

SHIPMAN'S COMMON-SENSE BINDER

PATENTED

JANUARY 19, 1892.

APRIL 19, 1904

To open binder, remove the slides from fasteners raise the fasteners to an erect position and then file papers. For punching: lay the papers on covers and mark sheets to correspond with fasteners.

If DUPLICATE is
wanted ORDER

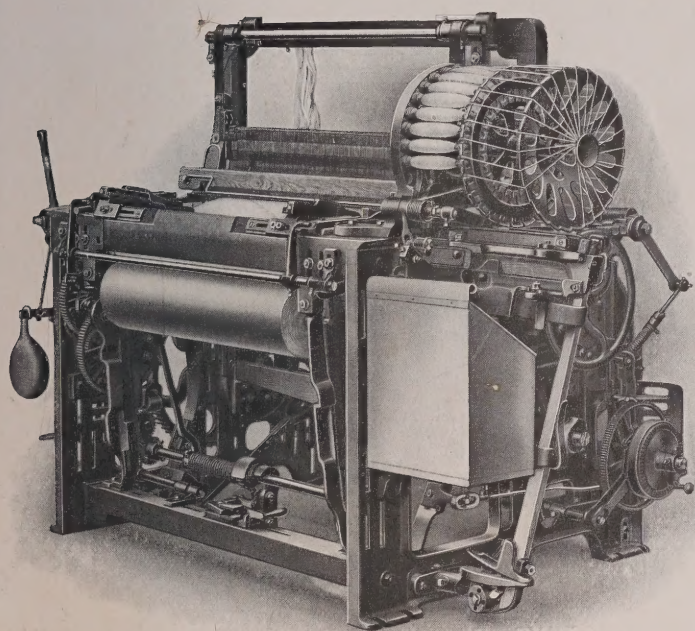
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ASA L. SHIPMAN'S SONS
MANUFACTURERS,
NEW YORK.

COTTON CHATS

By the Secretary of the
DRAPER COMPANY,
HOPEDALE, MASS.

No. 59. FEBRUARY, 1907.



OUR I MODEL LOOM.

This new design is intended for use on the same line of goods as our celebrated E model, though we realize that in view of the success of the E model, improvement is difficult.

We started with the fundamental idea of allowing the use of a larger warp beam to diminish the expenses attending the drawing-in of warps and the starting-up of new warps at the loom.

Incidental changes are as follows:

Sword can be removed without moving rocker-shaft.

Pick-arm cannot hit sword when lug-strap breaks.

Whip-roll can be set lower than on E model.

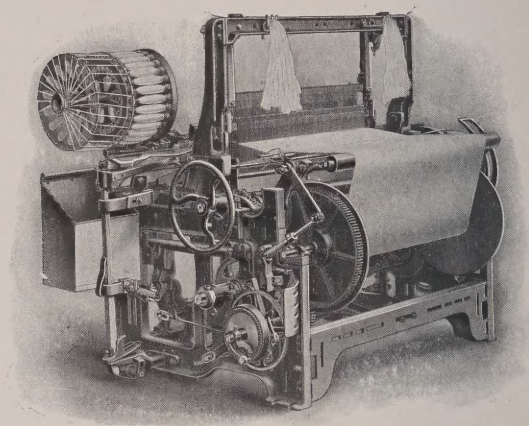
Larger pick-cam gives easier pick.

Pick shaft is of stronger design.

Pick shaft boxes cannot move.

Front box plates are secured by bolts.

More room for cloth roll.
 New binder-finger adjustment.
 New shaft boxes.
 Stiffer loom sides.
 More weight.
 Let-off arm is bolted to sword.
 Larger feet.
 Special beam pockets can be used.
 General adaptability to modern attachments.

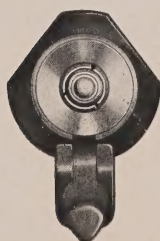


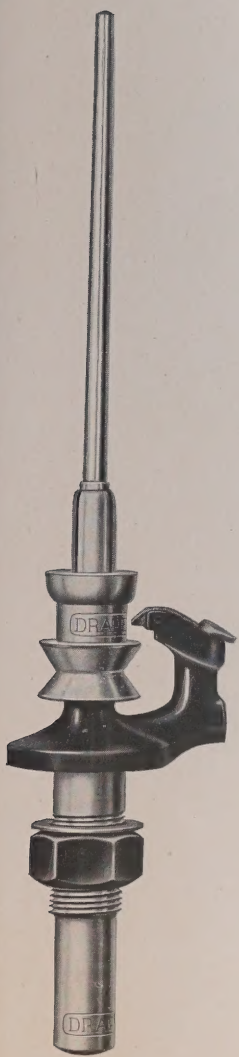
REAR VIEW OF I MODEL LOOM.

NEW SPINDLE IMPROVEMENTS.

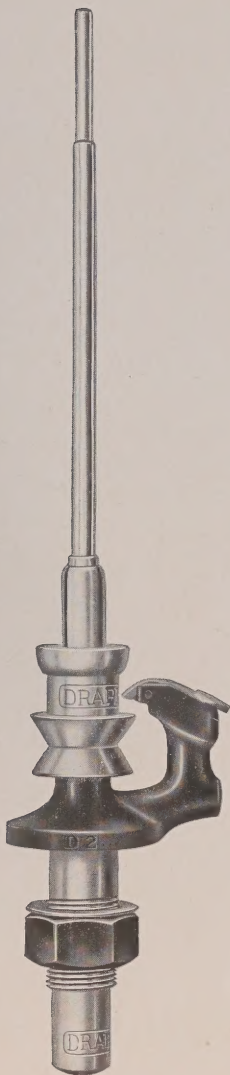
Sometimes we introduce improvements before we talk about them. Our Model E base for spinning spindles illustrates this method for we have already sold them by the hundreds of thousands. This base incorporates patented inventions of our Mr. C. E. Lovejoy and various changes in detail. It gives better oiling facilities, stronger doffer-guard, more room for bands, smoother surface for cleaning and greater strength. The oil covers will not break easily as they are protected by the encircling rim of the oil reservoir. We use it both with and without Rabbeth clutch spindles and on Draper, Whiting and McMullan types.

This Model E base is made in two regular styles—the round base, as shown in the illustration of complete spindles and the double slabbed base, best illustrated in the top view here shown. The double slabbed base has the advantage of uniformity as the round bases often need slabbing near the lifting rods. The round base is more conveniently papered for levelling.

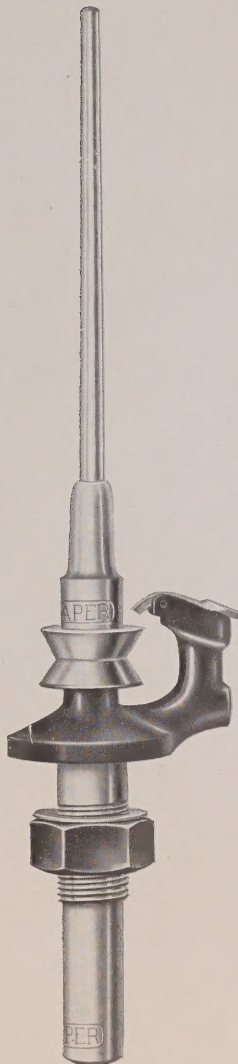




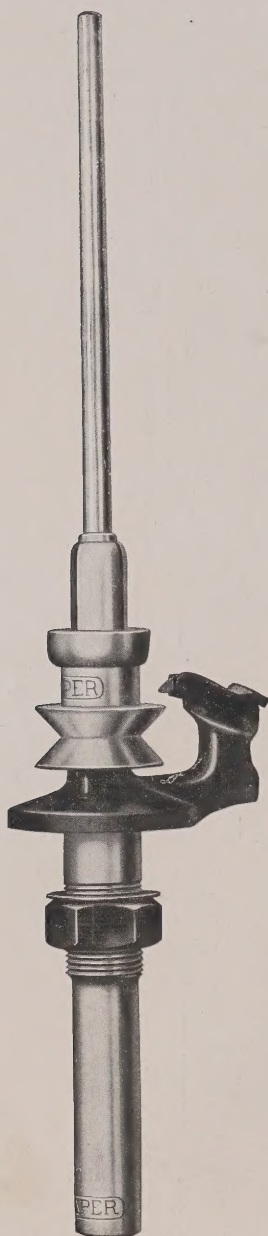
Whitin
(or gravity)
Spindle
Rabbeth
Clutch
Round
Model E
Base



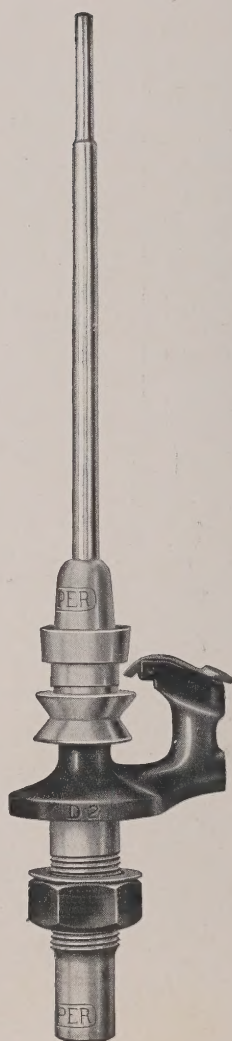
Draper
Spindle
Rabbeth
Clutch
Round
Model E
Base



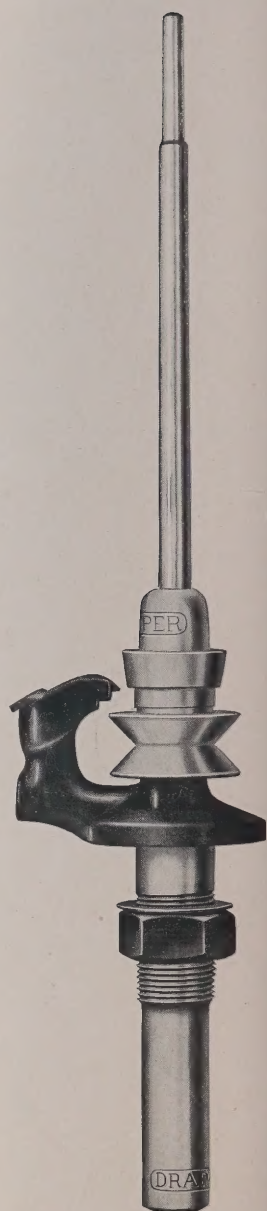
McMullan
Spindle
Plain
Whorl
Round
Model E
Base



Draper
Large size
Spindle
Rabbeth
Clutch
Round
Model E
Base



Draper
Spindle
Plain
Whorl
Round
Model E
Base

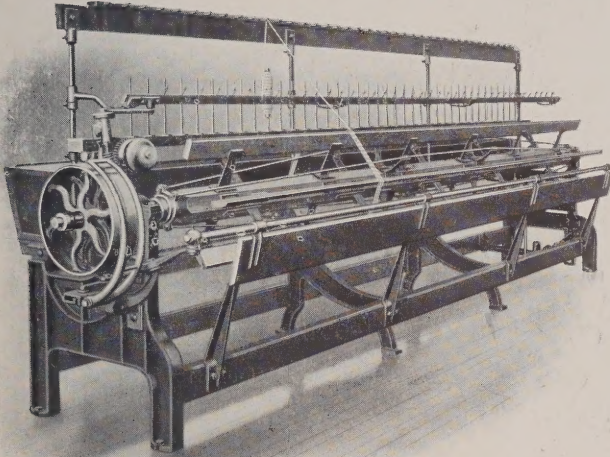


Draper
Large Size
Plain
Whorl
Round
Model E
Base

COTTON CHATS

By the Secretary of the
DRAPER COMPANY,
HOPEDALE, MASS.

No. 60. MARCH, 1907.



DRAPER REELS.

We make a superior reel for those who want the very best construction and workmanship and are willing to pay for it. We have no patents to protect it—we simply make it as good as we know how without use of cheap expedients to enable a low cost price.

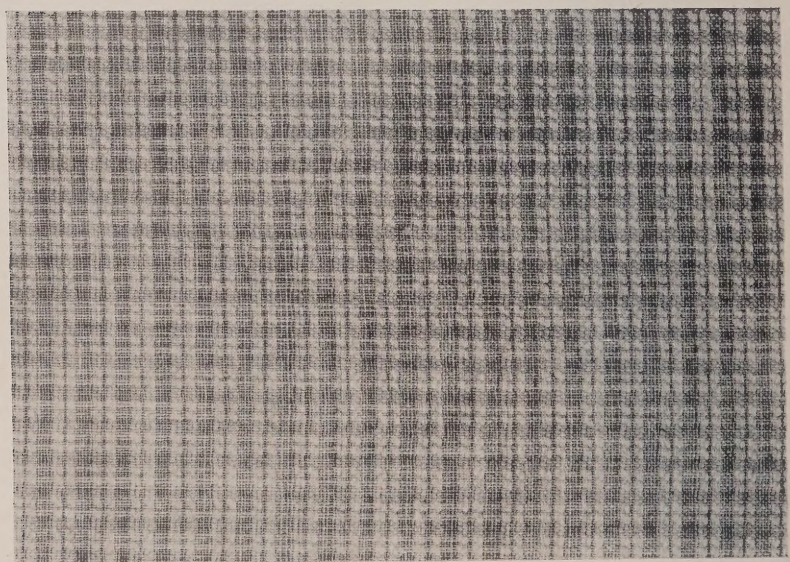
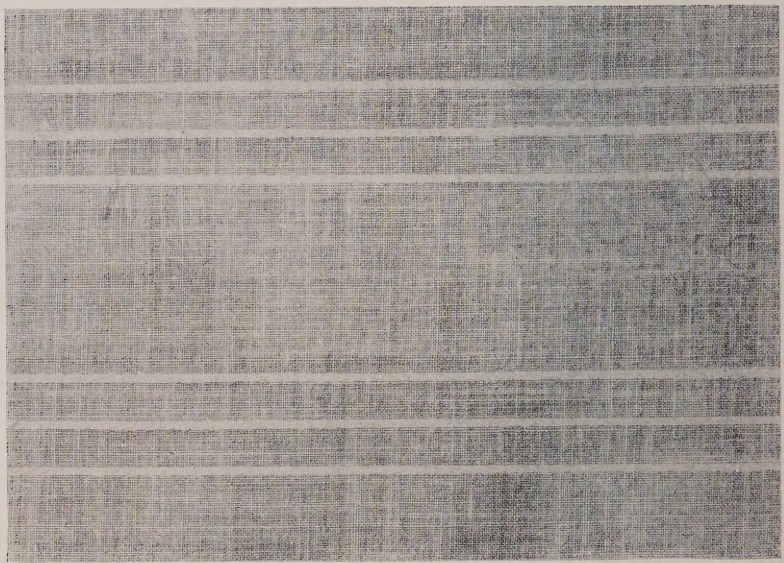
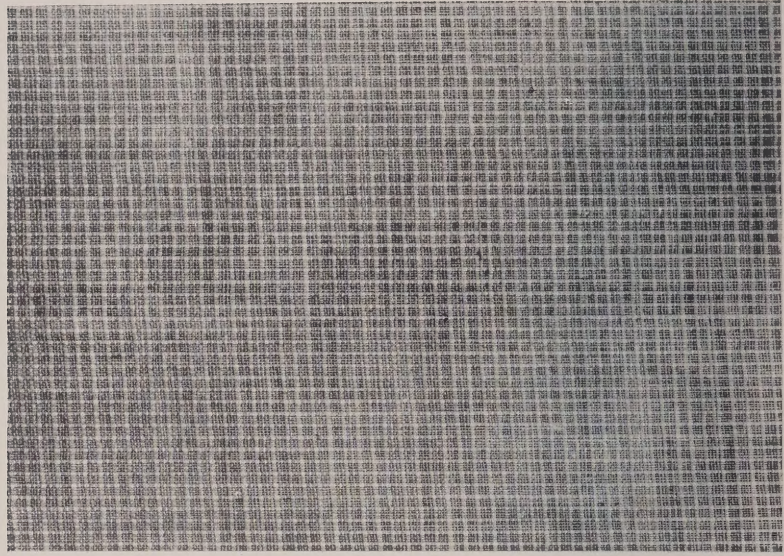
Top buggies can be bought for \$25 while a Brewster brings \$300. They both have four wheels and a seat but there is a difference nevertheless. We are after the reel trade of the man who buys the Brewster buggy.

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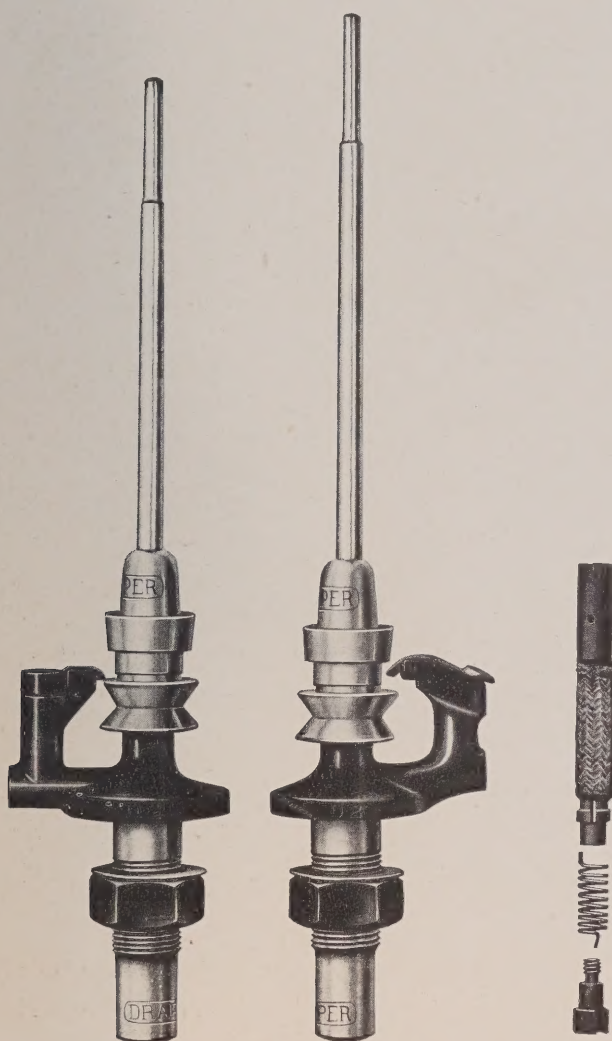
During the scarce-help period many methods were employed to entice workers to suffering sections. Some of the methods were hardly legitimate, altruistic or ethical, but the "button" advertisement shown in the illustration was clever and convincing. Merrimack weaving **did** run well—it runs well all the time. The two great rooms of Northrop looms are as good an advertisement as their builders could wish for.

Our cloth samples were of sufficient interest to call for an extra distribution of December Chats. We show others taken from the same lot—woven on Northrop looms with Dobby heads.



COMPARISON OF BASES SHOWN SIDE BY SIDE.

In our February Cotton Chats we showed several spindles with our new E model base. In order to bring out the differences in construction we now show both the old and the new models.



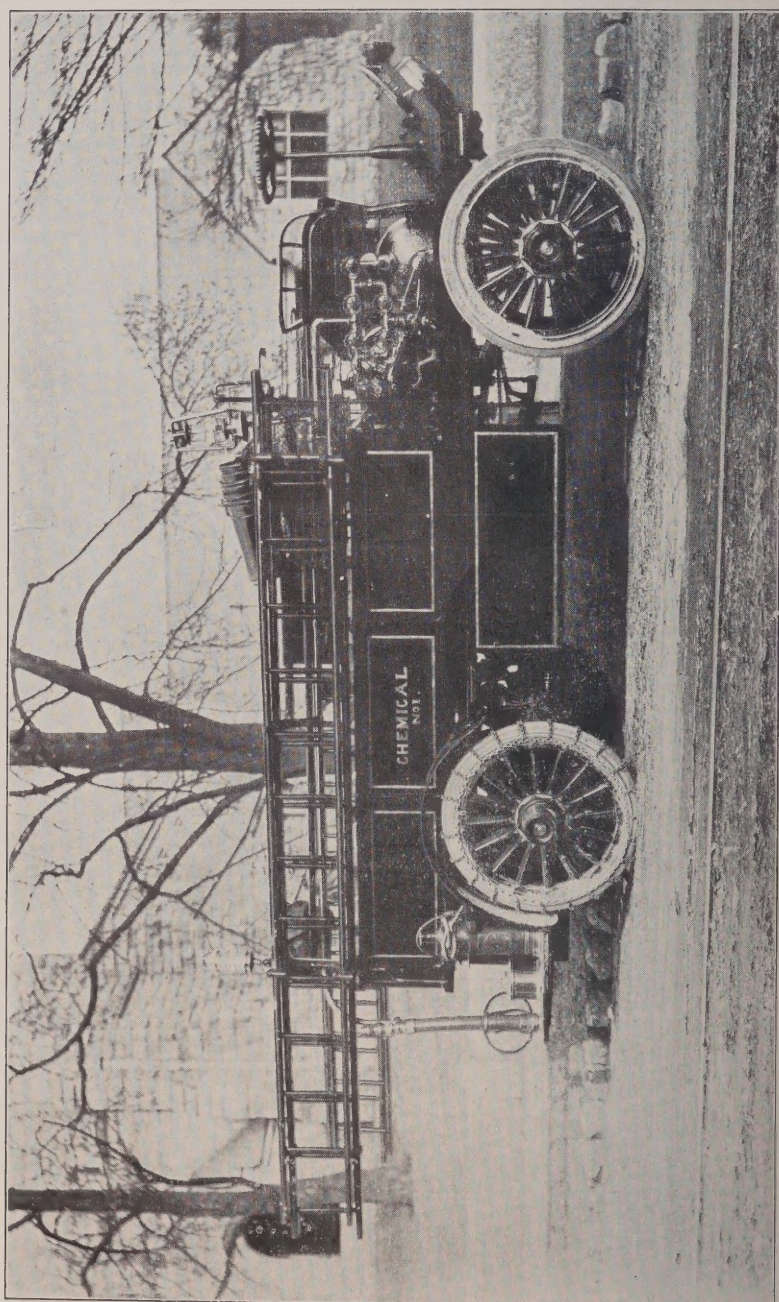
Draper No. 2
Spindle
Plain
Whorl
Regular
Base

Draper No. 2
Spindle
Plain
Whorl
Round
Model E
Base

Bolster
Spring
and
step
used
with
either
type

FIRE PROTECTION.

Knowing that many mill towns are confronted with problems similar to our own we illustrate an electrically driven fire engine which we have had in service in our town for over a year and which has been very satisfactory in meeting the requirement of quick service. The usual horse-pulled engine requires time for hitching the horses and in ordinary small town practice the horses might be in use elsewhere at the time needed. The chemical engine of the illustration is run by storage-batteries and starts instantly by turn of a switch. We think we were one of the first, if not the first, to try the experiment.



HOPEDALE MOTOR-DRIVEN CHEMICAL FIRE ENGINE



